

WE CLAIM

Sub
P3 1. In combination with a fan, which fan has a fan motor, a fan blade assembly attached to and driven by the fan motor, a motor housing containing the motor, a rear grill to which the motor housing is mounted, and a front grill attached to said rear grill, the improvement which comprises,

said front grill having a plurality of concentric rings,
a plurality of spaced radial rings connected to said concentric rings,

said grill having a center plate to which some of said radial ribs are connected,

said radial ribs extending outwardly to a circumferential ring,
said circumferential ring having a curved panel extending to a rim and an inclined panel to which said ribs are connected,

said circumferential ring dimensions are determined by the fan blade diameter D with a dimension A, which is the distance from the tips of the fan blades to the inside diameter of said ring, a dimension B which is the depth of the ring, and a dimension C which is the width of the ring,

said dimensions being in the range of A is plus or minus 40% of D, B equals 0.60 to 4.5 inches and C equals 40 to 200% of B.

2. A fan as defined in Claim 1 in which

D is 16 inches, A is 0.170 inches, B is 1.41 inches and C is 0.95 inches.

3. A fan as defined in Claim 1 in which

said front grill is of molded plastic.

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